

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/008980

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G06F1/20, H05K7/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G06F1/20, H05K7/20, H01L23/34-23/473

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2002-196843 A (Hitachi, Ltd.), 12 July, 2002 (12.07.02), Par. Nos. [0007] to [0018]; all drawings (Family: none)	1, 10, 14 2-9, 11-13
X Y	JP 2002-314279 A (Matsushita Electric Industrial Co., Ltd.), 25 October, 2002 (25.10.02), Par. Nos. [0019] to [0069]; all drawings (Family: none)	1, 7, 10, 14 2-6, 8-9, 11-13
Y	JP 11-202978 A (Hitachi, Ltd.), 30 July, 1999 (30.07.99), Par. Nos. [0009] to [0013]; Figs. 1 to 5 (Family: none)	2

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 11-325764 A (Fujikura Ltd.), 26 November, 1999 (26.11.99), Par. Nos. [0010] to [0024]; all drawings (Family: none)	3-4, 6
Y	JP 2002-182796 A (Hitachi, Ltd.), 26 June, 2002 (26.06.02), Par. Nos. [0013] to [0044]; all drawings & US 2002-007642 A1 & US 2003-0128511 A1	5, 8-9
Y	JP 2003-124671 A (Hitachi, Ltd.), 25 April, 2003 (25.04.03), Par. Nos. [0016] to [0021]; Figs. 1 to 5 (Family: none)	8-9
Y	JP 2002-009477 A (Aisin AW Co., Ltd.), 11 January, 2002 (11.01.02), Par. Nos. [0025] to [0034]; Figs. 1 to 3 (Family: none)	3, 11-13
E, X E, Y	JP 2004-047922 A (Matsushita Electric Industrial Co., Ltd.), 12 February, 2004 (12.02.04), Full text; all drawings (Family: none)	1, 9-10, 14 2-8, 11-13
A	JP 2002-182791 A (Sharp Corp.), 26 June, 2002 (26.06.02), Par. Nos. [0012] to [0031]; Figs. 1 to 7 (Family: none)	1-14